

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	Group Art Unit: to be assigned
)	
BELL, Michael L. et al.)	Examiner: to be assigned
)	
Serial No.: to be assigned)	
)	
Filed: February 12, 2004)	
)	
For: Analyte Detection System)	Pasadena, California

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. 1.97(b)

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Attached hereto is one PTO-1449 form listing documents believed relevant to the subject application. It is respectfully requested that these documents be considered by the Examiner and an initialed copy of each form be returned to the undersigned.

"EXPRESS MAIL" mailing label number EV 390735479 US Date of Deposit February 12, 2004
I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Elaine Porter
Signature

ELAINE PORTER
Typed or Printed Name of Person Mailing Paper

It is believed that this disclosure complies with the requirements of 37 C.F.R. 1.56 and the Manual of Patent Examining Procedures Section 707.05 (b). If for some reason the Examiner considers otherwise, it is respectfully requested that the undersigned be called so that any deficiencies can be remedied.

Copies of the documents listed on the PTO-1449 form are not enclosed. Copies of the documents have been provided to the Office with the IDS and PTO-1449 form filed in the parent application, U.S. Serial No. 09/990,678. Additional copies of the documents will be provided to the Office upon request. Some of the documents may have markings thereon. No significance is meant to be attached to the markings. These documents are not necessarily analogous art.

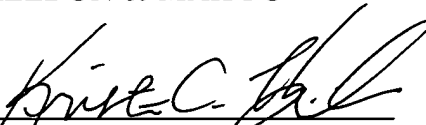
No fee is believed due with this Information Disclosure Statement. However, if it is determined that a fee is due, the Commissioner is hereby authorized to charge payment of any fees to Deposit Account No. 19-2090.

Respectfully submitted,

SHELDON & MAK PC

Date: February 12, 2004

By


Kristin C. Hiibner, Ph.D., Esq.
Reg. No. 50,139

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225 South Lake Avenue
9th Floor
Pasadena, California 91101
626/796-4000

INFORMATION DISCLOSURE CITATION <i>(Use Several sheets if necessary)</i>		Docket Number 13599-1		Application Number to be assigned				
		Applicant(s) BELL, Michael L. et al.						
		Filing Date February 12, 2004			Group Art Unit to be assigned			
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	A	5,585,241	12/17/96	Lindmo				
	B	5,571,388	11/5/96	Patonay et al.				
	C	6,159,748	12/12/00	Hechinger				
	D	4,661,913	4/28/87	Wu et al.				
	E	5,162,863	11/10/92	Ito				
	F	4,745,285	5/17/88	Recktenwald et al.				
	G	5,028,545	7/02/91	Soini				
	H	5,880,474	3/9/99	Norton et al.				
	I	5,682,038	10/28/97	Hoffman				
	J	5,627,040	5/6/97	Bierre et al.				
	K	5,736,330	4/7/98	Fulton				
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	L	WO 99/37814	7/29/99					
	M	WO 99/19515	4/22/99					
	N	EP 0 670 374	05/13/98					
	O	EP 0 753 584	7/5/96					
	P							
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
	Q	Strekowski, Lucjan, <i>Substitution Reactions of a Nucleofugal Group in Heptamethine Cyanine Dyes. Synthesis of an Isothiocyanate Derivative for Labeling of Proteins with a Near-Infrared Chromophore</i> , J. Org. Chem. 57, 4578-4580 (1992)						
	R	Slominskii, Y.L., <i>Polymethine Dyes with Hydrocarbon Bridges, Enamino Ketones in the Chemistry of Cyanine Dyes</i> , Journal of Organic Chemistry of the USSR, Vol. 19, No. 10, pp. 2134-2142 (1983)						
	S	Strekowski, Lucjan, <i>Facile Derivations of Heptamethine Cyanine Dyes</i> , Synthetic Communications, 22(17), 2593-2598 (1992)						
EXAMINER				DATE CONSIDERED				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

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EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	A	2,887,479	5/19/59	Heseltine				
	B	2,895,955	7/21/59	Heseltine et al.				
	C	4,325,706	4/20/82	Gershman et al.				
	D	4,499,052	2/12/85	Fulwyler				
	E	4,729,947	3/8/88	Middendorf et al.				
	F	4,839,265	6/13/99	Ohno et al.				
	G	4,933,269	6/12/90	Parton et al.				
	H	5,037,734	8/6/91	Lenhard et al.				
	I	5,061,618	10/21/91	Parton et al.				
	J	5,207,880	5/4/93	Middendorf et al.				
	K	5,268,486	12/7/93	Waggoner et al.				
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	L							
	M							
	N							
	O							
	P							
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
	Q	Slominskii, Y.L., <i>Tricarbocyanines with Hydrogen Rings in the Chromophore</i> , Journal of Organic Chemistry of the USSR, Vol. 40, NO. 6, pp. 625-628 (1974)						
	R	Arnold, Z., <i>Synthetic Reactions of Dimethylformamide. XXII. Formation and Preparation of Formyl Derivatives of Indene</i> , Collection Czechoslov. Chem. Commun., Vol. 30, 2783-2792 (1965)						
	S	Reynolds, G.A., <i>Stable Heptamethine Pyrylium Dyes That Absorb in the Infrared</i> , J. Org. Chem., Vol. 42, No. 5, 885-888 (1977)						
EXAMINER				DATE CONSIDERED				
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	A	5,312,921	5/17/94	Glazer et al.				
	B	5,321,130	6/14/94	Yue et al.				
	C	5,366,603	11/22/94	Middendorf et al.				
	D	5,375,606	12/27/94	Slezak et al.				
	E	5,410,030	4/25/95	Yue et al.				
	F	5,556,959	9/17/96	Brush et al.				
	G	5,571,388	11/5/96	Patonay et al.				
	H	5,747,349	5/5/98	van den Engh et al.				
	I	5,808,044	9/15/98	Brush et al.				
	J	5,986,086	11/16/99	Brush et al.				
	K	6,048,982	4/11/00	Waggoner				
	L	4,882,265	11/21/89	Lagaanis et al.				
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	M							
	N							
	O							
	P							
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
	Q	Sosnovskii, G.M., <i>Synthesis of Meso-Substituted Tricarbocyanine Dyes With An Ortho-Phenylene Bridge In The Chromophore</i> , Journal of Organic Chemistry of the USSR, Vol. 19, No. 10, 1861-1864 (1983)						
	R	Makin, S.M., <i>Aminoformylation of Unsaturated Aldehydes 2-Alkoxyaldehydes and Their Acetals, and Keytones of the Alicyclic Series</i> , Journal of Organic Chemistry of the USSR, Vol. 13, No. 6, 1093-1096 (1977)						
	S	Webb, J.P., <i>Sixteen New Infrared Laser Dyes Excited By A Simple Linear Flashlamp</i> , Eastman Organic Chemical Bulletin, Vol. 46, No. 3, 1-6 (1974)						
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	A	4,973,572	11-27-90	DeBoer			
	B						
	C						
	D						
	E						
	F						
	G						
	H						
	I						
	J						
	K						

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	L							
	M							
	N							
	O							
	P							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)	
	Q Russian reference by Tolmachev et al. (full cite is in Russian)
	R Narayanan, N., <i>A New Method for the Synthesis for Heptamethine Cyanine Dyes: Synthesis of New Near-Infrared Fluorescent Labels</i> , J. Org. Chem. 60, 2391-2395 (1995)
	S Strekowski, L., <i>Functionalization of Near-Infrared Cyanine Dyes</i> , . Heterocyclic Chem., 33, 1685-1688 (1996)

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							YES	NO
	L							
	M							
	N							
	O							
	P							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	Q	Narayanan, N., <i>New Near Infrared Dyes for Applications in Bioanalytical Methods</i> , SPIC Vol. 2388, 6-15 (1995)
	R	Pierce, Brian M., <i>Lasing Properties of Several Near-IR Dyes for a Nitrogen laser-Pumped Dye Laser with an Optical Amplifier</i> , IEEE Journal of Quantum Electronics, Vol. QE-18, No. 7 (1982)
	S	

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